

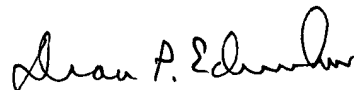
In applicants' claims 10 and 11, there is described a vortex vapor generator in which liquid is received under pressure and at an elevated temperature. Rotation of the liquid circumferentially in a chamber decreases the pressure in the liquid and enables vapor to form bubbles which migrate toward the central axis of the chamber. The Viland patent does not describe this apparatus. Applicants' claim 12 is directed to a vortex vapor condenser, whereas in Viland the vapors have already been condensed to a liquid (which is already at very low temperature) before it enters his cyclone separator.

Applicants' claim 14 is directed to a catalytic vortex vapor generator with catalyst particles positioned therein. The Viland patent does not describe such apparatus.

In view of the foregoing, the Section 102(b) rejection of claims is believed to be unsound.

Reconsideration and favorable action are courteously solicited.

Respectfully submitted,



Dean P. Edmundson, Reg. No.25723  
Attorney for Applicants  
P. O. Box 179  
Burton, TX 77835  
(979) 289-0199